

Bar chart showing the effect of IL-4 on IFN- $\alpha$ -induced ribavirin sensitivity. The y-axis represents '% of activated control' (ranging from -75 to 50). The x-axis represents Ribavirin ( $\mu$ M) and IFN $\alpha$  (U) on a logarithmic scale. IL-4 is indicated by a horizontal bar at the top. The chart shows that IL-4 increases the sensitivity of cells to ribavirin, with the effect being most pronounced at lower concentrations of ribavirin and higher concentrations of IFN $\alpha$ .

Bar graph showing the effect of Ribavirin and IFNα on TNFα production. The y-axis represents '% of activated control' (ranging from -40 to 40). The x-axis shows concentrations of Ribavirin (μM) and IFNα (IU). TNFα production is significantly inhibited by both agents, with IFNα showing a more pronounced effect at higher concentrations.

Concentration	% of activated control
Control	100
Ribavirin (1 μM)	~10
Ribavirin (2 μM)	~15
Ribavirin (5 μM)	~25
Ribavirin (10 μM)	~30
Ribavirin (20 μM)	~35
Ribavirin (50 μM)	~25
Ribavirin (250 μM)	~-25
Ribavirin (500 μM)	~-30
Ribavirin (1000 μM)	~-35
Ribavirin (2000 μM)	~-30
Ribavirin (5000 μM)	~-35
Ribavirin (10000 μM)	~-35
IFNα (1 IU)	~10
IFNα (2 IU)	~15
IFNα (5 IU)	~25
IFNα (10 IU)	~30
IFNα (20 IU)	~35
IFNα (50 IU)	~25
IFNα (250 IU)	~-25
IFNα (500 IU)	~-30
IFNα (1000 IU)	~-35
IFNα (2000 IU)	~-30
IFNα (5000 IU)	~-35
IFNα (10000 IU)	~-35

Bar chart showing the effect of IFN $\alpha$  (U) and Ribavirin ( $\mu$ M) on the percentage of activated control cells. The y-axis represents '% of activated control' from -45 to 15. The x-axis shows Ribavirin ( $\mu$ M) concentrations (1, 2, 5, 10, 20, 50) and IFN $\alpha$  (U) concentrations (250, 500, 1000, 2000, 5000, 10000). The chart indicates that IFN $\alpha$  treatment significantly increases the percentage of activated control cells, while Ribavirin treatment has a minimal effect.

Condition	% of activated control
Ribavirin ( $\mu$ M) 1	~0
Ribavirin ( $\mu$ M) 2	~0
Ribavirin ( $\mu$ M) 5	~0
Ribavirin ( $\mu$ M) 10	~0
Ribavirin ( $\mu$ M) 20	~0
Ribavirin ( $\mu$ M) 50	~0
IFN $\alpha$ (U) 250	~15
IFN $\alpha$ (U) 500	~10
IFN $\alpha$ (U) 1000	~10
IFN $\alpha$ (U) 2000	~10
IFN $\alpha$ (U) 5000	~10
IFN $\alpha$ (U) 10000	~10

**Figure 1D**

FIGURE 1

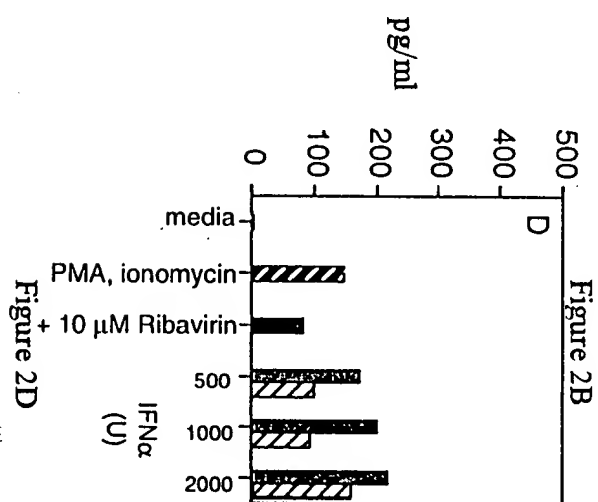
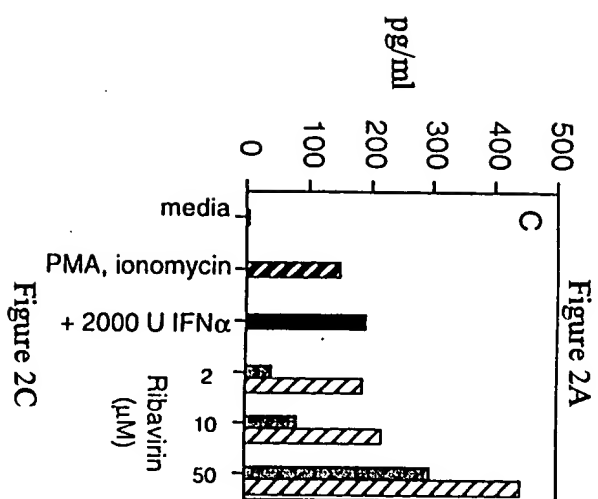
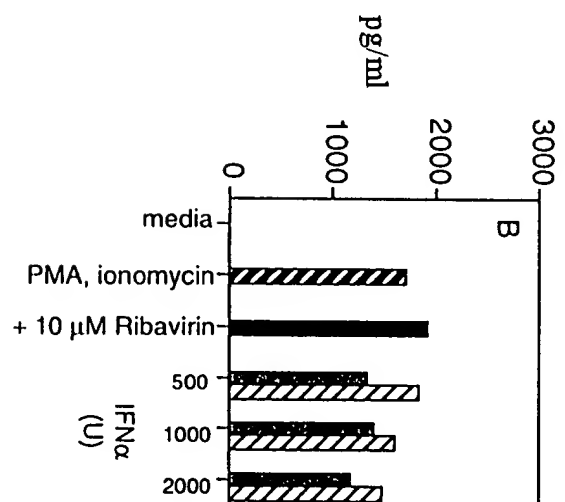
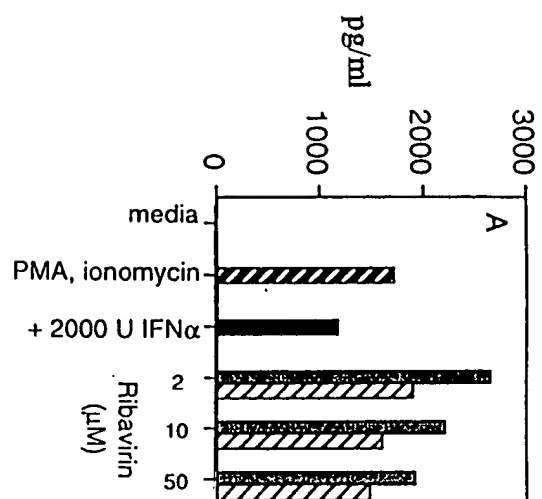


FIGURE 2

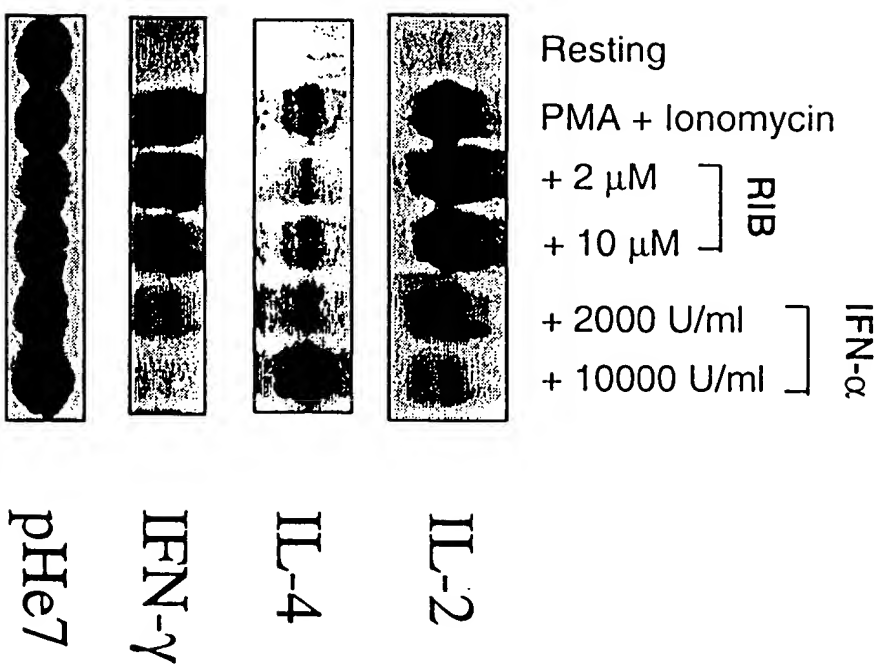


FIGURE 3

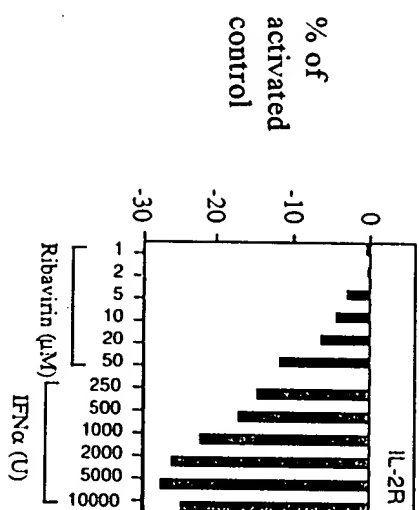


Figure 4A

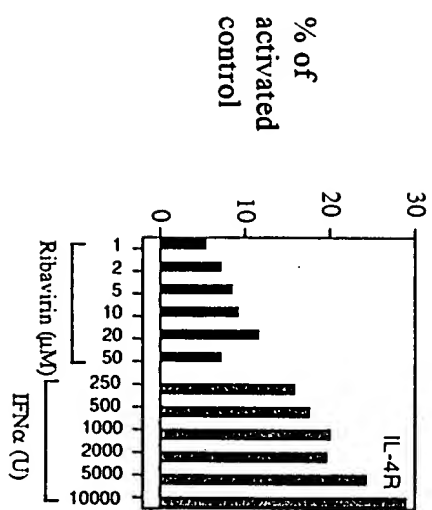


Figure 4B

FIGURE 4

IL-2 PE

CD4 FITC

91%

IL-2 PE

CD8 FITC

H

67%

### Figure 5H

[illegible]

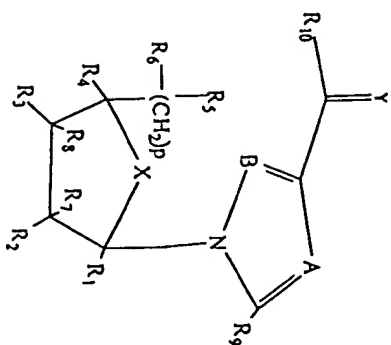
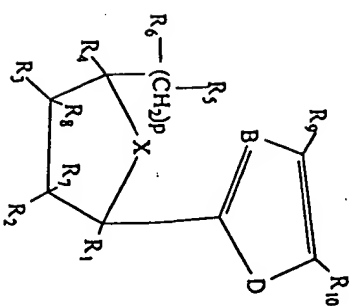
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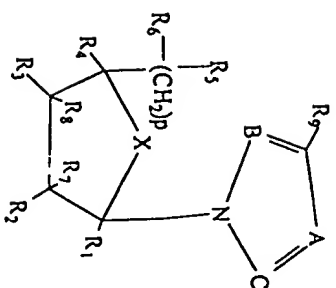
Figure 6A

**% of  
activated  
control**



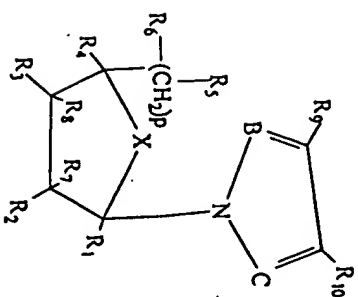
**Figure 6B**

	% of activated control
100	
90	
80	
70	
60	
50	
40	
30	
20	
10	
0	

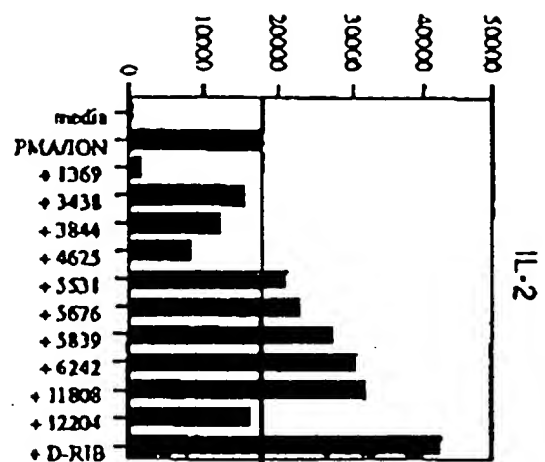


**Figure 6C**

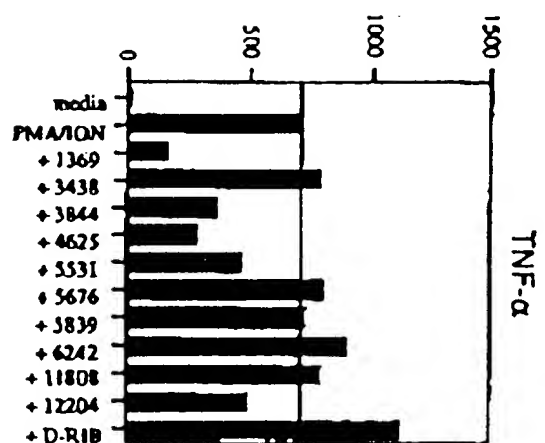
	% of activated control
100% control	100%
98% control	98%
96% control	96%
94% control	94%
92% control	92%
90% control	90%
88% control	88%
86% control	86%
84% control	84%
82% control	82%
80% control	80%
78% control	78%
76% control	76%
74% control	74%
72% control	72%
70% control	70%
68% control	68%
66% control	66%
64% control	64%
62% control	62%
60% control	60%
58% control	58%
56% control	56%
54% control	54%
52% control	52%
50% control	50%
48% control	48%
46% control	46%
44% control	44%
42% control	42%
40% control	40%
38% control	38%
36% control	36%
34% control	34%
32% control	32%
30% control	30%
28% control	28%
26% control	26%
24% control	24%
22% control	22%
20% control	20%
18% control	18%
16% control	16%
14% control	14%
12% control	12%
10% control	10%
8% control	8%
6% control	6%
4% control	4%
2% control	2%
0% control	0%



**Figure 6D**



**Figure 7A**



**Figure 7B**

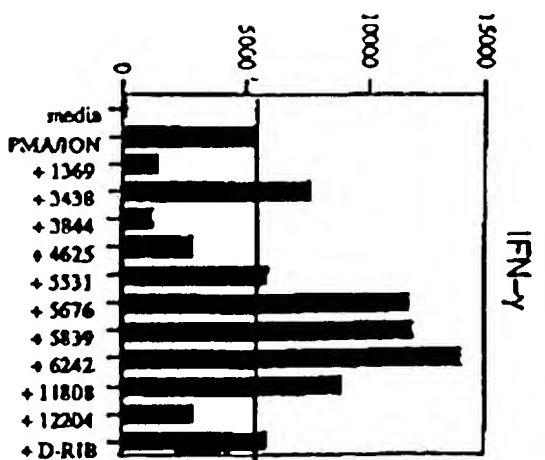
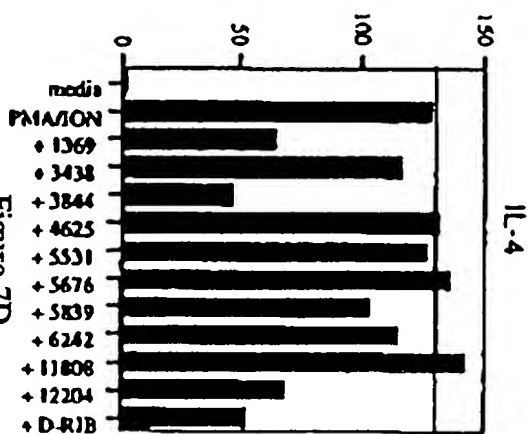


Figure 7C



**Figure 7D**

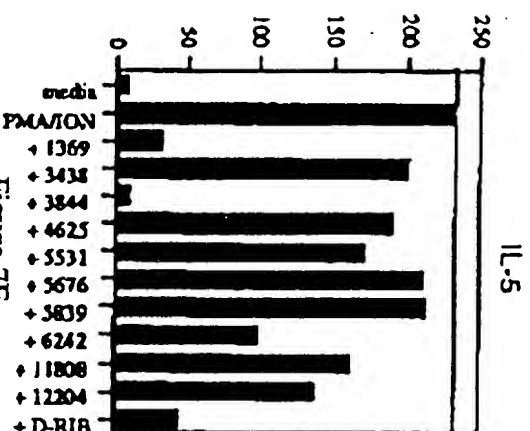


Figure 7E